

INTERNATIONAL SEARCH REPORT

Inter. application No

PCT/ 00/00035

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C10M169/00 //(C10M169/00, 101:02, 103:00, 103:02, 103:06, 113:00, 113:02, 113:08, 113:10, 119:02, 125:02, 125:22, 125:26, 125:30, 159:06), C10N20:06, C10N30:06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 121 686 A (SCHERER) 18 February 1964 (1964-02-18) the whole document	1
A	US 2 303 068 A (SCHOENBAUM) 24 November 1942 (1942-11-24) the whole document	1-3
A	EP 0 469 906 A (OILES INDUSTRY CO LTD) 5 February 1992 (1992-02-05) the whole document	1
A	WO 94 03561 A (ENVIRONMENT SYSTEMS, INC) 17 February 1994 (1994-02-17) the whole document	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

25 January 2001

Date of mailing of the international search report

06/02/2001

Name and mailing address of the ISA

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NL - 2280 HV Rijswijk
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Fax: (+31-70) 340-3016

Authorized officer

De La Morinerie, B

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 89 06681 A (GREGG GEORGE L) 27 July 1989 (1989-07-27) the whole document	1
A	GB 1 033 735 A (ACHESON IND. INC.) 22 June 1966 (1966-06-22) the whole document	1
A	US 2 189 873 A (ZIMMER ET AL.) 13 February 1940 (1940-02-13) the whole document	2
A	US 3 883 439 A (BERGERON JOSEF F) 13 May 1975 (1975-05-13) the whole document	1
A	DATABASE WPI Section Ch, Week 199537 Derwent Publications Ltd., London, GB; Class H07, AN 1995-282058 XP002158488 & RU 2 028 370 C (ALTAI SPLAV TECHN CENTRE), 9 February 1995 (1995-02-09) cited in the application abstract	3
A	GB 1 047 475 A (CHEMISCHE FABRIK KALK G.M.B.H.) 2 November 1966 (1966-11-02) the whole document	3
A	US 3 553 125 A (WATTERS ALAN) 5 January 1971 (1971-01-05)	
A	GB 2 329 905 A (NSK LTD) 7 April 1999 (1999-04-07)	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter application No

PCT/00/00035

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3121686	A	18-02-1964	NONE	
US 2303068	A	24-11-1942	NONE	
EP 0469906	A	05-02-1992	JP 2866457 B JP 4089891 A DE 69102741 D DE 69102741 T KR 169741 B US 5415791 A	08-03-1999 24-03-1992 11-08-1994 27-10-1994 15-01-1999 16-05-1995
WO 9403561	A	17-02-1994	AU 4804093 A	03-03-1994
WO 8906681	A	27-07-1989	US 4731189 A	15-03-1988
GB 1033735	A		DE 1288220 B FR 1354589 A	15-06-1964
US 2189873	A	13-02-1940	NONE	
US 3883439	A	13-05-1975	AU 7900875 A BR 7501113 A CA 1064011 A DE 2509203 A FR 2268068 A GB 1505554 A JP 50136304 A PH 11193 A	16-09-1976 17-02-1976 09-10-1979 06-11-1975 14-11-1975 30-03-1978 29-10-1975 28-10-1977
RU 2028370	C	09-02-1995	NONE	
GB 1047475	A		BE 634045 A FR 1361759 A NL 126068 C NL 294430 A	04-09-1964
US 3553125	A	05-01-1971	NONE	
GB 2329905	A	07-04-1999	JP 11131087 A JP 11246886 A	18-05-1999 14-09-1999

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/UA 00/00035	International filing date (day/month/year) 05/10/2000	(Earliest) Priority Date (day/month/year) 22/10/1999
Applicant ALEXANDROV, Sergey Nikolaevich et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C10M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search 25 January 2001		Date of mailing of the international search report 06/02/2001
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer De La Morinerie, B

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International Application No

UA 00/00035

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RU 2028370	C	09-02-1995	NONE	
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